

Title (en)  
BIORESORABLE FIXATION NAIL

Title (de)  
BIOLOGISCH RESORBIERBARER FIXIERUNGSNAGEL

Title (fr)  
CLOU DE FIXATION BIOLOGIQUEMENT RÉSORBABLE

Publication  
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Application  
**EP 16805339 A 20161123**

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Abstract (en)  
[origin: WO2017089381A1] The invention relates to a fixation nail for temporarily securing transplantable tissue, bone parts, and bone replacement substances using a cover or for securing natural or artificial bone replacement parts to bones. The fixation nail has a round flat nail head with a diameter of 0.50 to 6.0 mm, and the thickness of the nail head is 0.10 to 2.0 mm. The fixation nail has a nail pin which is formed with a sharp tip, and the pin has a length between 0.5 times to 2 times the diameter of the nail head and a thickness between 0.15 times to 0.5 times the diameter of the nail head. The fixation nail consists of a biocompatible, biocorrosable magnesium alloy which is composed of at least 90 wt.% metal magnesium and contains less than 0.1 wt.% aluminum, less than 0.1 wt.% copper, less than 0.1 wt.% iron, and less than 0.1 wt.% nickel as physiologically undesirable impurities.

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• DE 29513342 U1 19951116 - BIOVISION GMBH [DE]  
• DE 19509966 A1 19960919 - SCHUETZ FRANK ULLRICH [DE]

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